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CITRUS FRUIT INDUSTRY STATISTICAL BULLETIN



Sunkist Growers, Inc.

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INTRODUCTION

This report contains statistical information related to the California-Arizona citrus industry and selected data regarding other citrus producing areas.

To maintain comparability among the various citrus areas in the United States, whenever possible the statistical series are taken from sources published by Federal and State Agencies. These sources may be different from records maintained by the industry for the same data series, due to differences in collection procedures.

Government sources are supplemented by the California-Arizona Citrus League and other industry records, for information not gathered by government agencies.

The statistical information is presented without analysis.

CALIFORNIA-ARIZONA CITRUS INDUSTRY

A Capsule History

California-Arizona is one of the finest citrus producing areas in the world. The climate of warm and sunny days, mild breezes, and cool nights makes it possible for varieties of colorful and flavor-rich citrus fruit to be picked and shipped year-around.

It is reported that as early as 1707, orange seeds had been brought from Mexico and trees were growing successfully at the Spanish missions in southern Arizona. Nearly two centuries passed without much development, but in the early 1890's about 500 acres of oranges were planted in the Salt River Valley area of present-day Phoenix.

A freeze in 1913 destroyed much of this acreage, but new orange and grapefruit groves soon were planted. In the 1920's, growers in Yuma County introduced Marsh Seedless Grapefruit. Though little more was done until World War II, rapid expansion began in 1949. In the years since, Arizona citrus acreage has tripled.

Oranges and lemons were introduced in California with the founding of the first Spanish mission in San Diego in 1769. Soon each mission along the El Camino Real had orange trees in its gardens, but the only orchard of any real size was at San Gabriel Mission near Los Angeles.

The first commercial California citrus grove was planted by a Kentucky trapper, William Wolfskill, who left the Sante Fe Trail to settle in the pueblo of Los Angeles in the late 1830's. He planted an orange grove in 1841 in what is now downtown Los Angeles, and later added lemon trees.

The real development of the industry in California began with the "second gold rush" when navel oranges were introduced in 1873. By 1900, the winter orange business was booming in all parts of Southern California.

In the past three decades, growing locations for western citrus have shifted dramatically. The production peak for California-Arizona citrus occurred in 1944-45 when the volume reached 164 million cartons. Once wartime demand slowed, however, such large quantities of fruit on the market generally meant low prices and low grower returns.

In the postwar years, citrus acreage in the two states dropped from 350,000 to a low of 250,000 acres in 1956, and many feared for the survival of the industry. Within a few years, however, many growers who had sold their ranches in Southern California had reinvested in citrus elsewhere. New irrigation projects opened up land in California's vast Central Valley and brought water to the arid desert country of Arizona and southeastern California.

Today, bearing citrus acreage in California and Arizona has nearly reached the record level of the mid 1940's.

NET WEIGHT PER CARTON, FRESH FRUIT
(In Pounds)

State	Oranges	Tangerines	Lemons	Grapefruit	Limes
California	37.5	37.5	38.0	33.5	38.0
Arizona	37.5	37.5	38.0	32.0	38.0
Florida	*45.0	47.5	45.0	42.5	40.0
Texas	42.5	-	-	40.0	-

*Includes Temples, Tangelos and Honey Tangerines

TABLE 1

WORLD AND UNITED STATES CITRUS PRODUCTION
(1959-60 to 1978-79)

Season	*Oranges & Tangerines			Lemons			Grapefruit			Total		
	World	U.S.	U.S. % of World	World	U.S.	U.S. % of World	World	U.S.	U.S. % of World	World	U.S.	U.S. % of World
	Million Cartons		%	Million Cartons		%	Million Cartons		%	Million Cartons		%
1959-60	749.3	259.7	34.7	83.1	36.5	43.9	99.2	83.2	83.9	931.6	379.4	40.7
1960-61	713.4	243.5	34.1	76.9	28.7	37.3	102.3	86.8	84.8	892.6	359.0	40.2
1961-62	791.3	285.8	36.1	90.9	33.5	36.9	103.2	85.8	83.1	985.4	405.1	41.1
1962-63	748.4	215.3	28.8	76.6	26.0	33.9	89.1	69.5	78.0	914.1	310.8	34.0
1963-64	788.5	194.5	24.7	93.7	38.1	40.7	91.6	68.4	74.7	973.8	301.0	30.9
1964-65	864.4	250.1	28.9	62.8	28.4	45.2	105.5	82.1	77.8	1,032.7	360.6	35.0
1965-66	934.5	291.9	31.2	65.5	31.5	48.1	121.1	93.4	77.1	1,121.1	416.8	37.2
1966-67	1,148.2	393.6	34.3	71.2	37.0	52.0	143.6	111.8	77.9	1,363.0	542.4	39.8
1967-68	1,018.1	268.6	26.4	73.9	35.6	48.2	120.3	88.1	73.2	1,212.3	392.3	32.4
1968-69	1,190.5	388.8	32.7	83.6	34.6	41.4	144.7	108.3	74.8	1,418.8	531.7	37.5
1969-70	1,269.5	394.7	31.1	124.4	33.5	26.9	150.5	107.8	71.6	1,544.4	536.0	34.7
1970-71	1,397.5	405.0	29.0	139.1	35.8	25.7	176.8	121.1	68.5	1,713.4	561.9	32.8
1971-72	1,451.4	410.8	28.3	135.8	37.1	27.3	184.5	128.3	69.5	1,771.7	576.2	32.5
1972-73	1,646.7	476.0	28.9	159.1	47.6	29.9	192.9	131.3	68.1	1,998.7	654.9	32.8
1973-74R	1,671.6	460.1	27.5	160.9	39.0	24.2	193.6	131.0	67.7	2,026.1	630.1	31.1
1974-75R	1,823.9	506.1	27.7	196.9	61.4	31.2	185.2	123.2	66.5	2,206.0	690.7	31.3
1975-76R	1,896.2	518.3	27.3	180.8	38.0	21.0	204.2	140.2	68.7	2,281.2	696.5	30.5
1976-77R	1,807.7	514.6	28.5	190.2	52.8	27.8	210.3	149.2	70.9	2,208.2	716.6	32.5
1977-78R	1,888.8	470.2	24.9	195.1	53.6	27.5	209.0	149.3	71.4	2,292.9	673.1	29.4
1978-79	1,751.5	449.6	25.7	176.0	53.2	30.2	193.5	134.0	69.3	2,121.0	636.8	30.0

*Includes Temples and Tangelos

R: Revised

Source: USDA, Foreign Agricultural Service - Foreign Agriculture Circular;
Crop Reporting Board - Citrus Fruits by States;
Florida Crop and Livestock Reporting Service.

TABLE 2
PRODUCTION OF CALIFORNIA-ARIZONA CITRUS
(1949-50 to 1978-79)

Season	Navels & Miscellaneous	Valencias	Total Oranges	Tangerines	Lemons	Grapefruit	Total
1,000 Cartons							
1949-50	32,430	53,260	85,690		22,720	11,800	120,210
1950-51	30,520	62,700	93,220		26,900	11,760	131,880
1951-52	25,900	52,380	78,280		25,600	8,600	112,480
1952-53	34,060	59,800	93,860		25,180	10,920	129,960
1953-54	30,020	37,120	67,140		32,260	10,340	109,740
1954-55	31,680	49,420	81,100		28,000	9,780	118,880
1955-56	31,220	47,820	79,040		26,200	9,760	115,000
1956-57	31,800	42,580	74,380		32,400	9,180	115,960
1957-58	19,180	29,720	48,900		33,800	10,360	93,060
1958-59	34,340	47,280	81,620		34,480	8,800	124,900
1959-60	28,120	36,480	64,600		36,460	11,840	112,900
1960-61	18,880	33,440	52,320		28,680	9,960	90,960
1961-62	16,080	27,800	43,880	520	33,480	10,420	88,300
1962-63	26,080	34,240	60,320	420	25,980	9,340	96,060
1963-64	31,860	35,940	67,800	580	38,080	14,820	121,280
1964-65	31,740	33,340	65,080	1,080	28,420	14,260	108,840
1965-66	39,320	38,520	77,840	1,060	31,540	16,000	126,440
1966-67	36,520	46,100	82,620	1,600	35,820	13,360	133,400
1967-68	20,060	24,480	44,540	1,420	33,700	16,716	96,376
1968-69	39,740	59,620	99,360	1,620	31,620	15,140	147,740
1969-70	44,380	42,880	87,260	2,220	31,040	16,820	137,340
1970-71	37,320	44,800	82,120	3,060	32,900	15,120	133,200
1971-72	46,400	50,200	96,600	3,660	33,360	15,880	149,500
1972-73	39,520	54,800	94,320	4,260	44,400	16,880	159,860
1973-74	44,700	42,920	87,620	4,080	35,600	13,400	140,700
1974-75	57,640	62,300	119,940	4,300	58,800	19,420	202,460
1975-76	58,060	52,900	110,960	3,920	35,240	20,560	170,680
1976-77	52,800	45,700	98,500	4,940	52,000	21,400	176,840
1977-78	41,640	50,800	92,440	4,000	52,200	22,720	171,360
1978-79	43,000	37,200	80,200	3,800	38,800	16,040	138,840

Prior to 1961-62 Navels & Miscellaneous includes small amounts of Tangerines.
Source: USDA, Crop Reporting Board - Citrus Fruits by States.

TABLE 3
BEARING ACREAGE OF CALIFORNIA - ARIZONA CITRUS
(1949-50 to 1978-79)

Season	Navels & Miscellaneous	Valencias	Total Oranges	Tangerines	Lemons	Grapefruit	Total
	1,000 Acres						
1949-50	84.3	139.0	223.3		56.6	20.7	300.6
1950-51	83.3	136.7	220.0		55.4	19.2	294.6
1951-52	81.4	133.4	214.8		54.8	18.6	288.2
1952-53	77.7	130.0	207.7		54.6	17.9	280.2
1953-54	75.7	123.5	199.2		54.4	16.1	269.7
1954-55	73.7	116.4	190.1		52.9	14.3	257.3
1955-56	71.0	105.9	176.9		54.2	13.8	244.9
1956-57	65.4	93.3	158.7		52.8	12.6	224.1
1957-58	65.1	90.2	155.3		53.2	12.9	221.4
1958-59	63.8	87.9	151.7		54.7	12.9	219.3
1959-60	63.0	83.1	146.1		56.2	13.1	215.4
1960-61	63.3	80.8	144.1		55.8	13.8	213.7
1961-62	62.6	77.7	140.3		56.0	15.3	211.6
1962-63	64.0	73.7	137.7		52.8	16.8	207.3
1963-64	64.5	74.9	139.4		53.5	17.9	210.8
1964-65	66.4	73.2	139.6		50.0	18.0	207.6
1965-66	67.7	73.2	140.9	5.8	48.6	19.1	214.4
1966-67	70.8	77.4	148.2	7.0	47.4	19.2	221.8
1967-68	74.5	86.2	160.7	9.2	47.4	19.5	236.8
1968-69	79.3	93.0	172.3	11.6	48.7	19.9	252.5
1969-70	84.2	98.8	183.0	12.5	47.1	19.9	262.5
1970-71	91.4	101.1	192.5	12.7	50.4	19.5	275.1
1971-72	100.3	104.4	204.7	14.5	52.0	20.2	291.4
1972-73	107.4	105.5	212.9	14.9	55.6	21.3	304.7
1973-74	113.7	104.0	217.7	16.1	64.6	23.4	321.8
1974-75	118.9	101.1	220.0	18.7	64.9	25.6	329.2
1975-76	121.9	96.8	218.7	17.5	67.7	26.8	330.7
1976-77(a)	122.2	91.3	213.5	16.3	68.2	26.8	324.2
1977-78	118.6	85.6	204.2	13.6	67.9	28.1	313.8
1978-79	116.9	84.9	201.8	12.2	68.4	28.6	311.0

Prior to 1965-66 Tangerines included in Navels and Miscellaneous.

(a) No Arizona Acreage survey for 1976-77 season. Used the latest data available.

Source: California Fruit & Nut Acreage; California Fruit & Nut Statistics;
Arizona Fruit & Vegetable Standardization Service.

TABLE 4
PRODUCTION OF ORANGES IN SPECIFIED COUNTRIES
(1974-75 to 1978-79)

Countries	1974-75	1975-76	1976-77	1977-78	1978-79
	1,000 Cartons (37.5 lbs.)				
United States	475,620	485,560	485,900	440,240	421,000
Argentina	42,865	43,688	43,512	39,396	41,160
Australia	21,286	18,934	20,933	21,403	21,638
Cyprus	9,232	4,880	5,880	6,409	6,644
Brazil	305,760	350,448	324,576	461,815	407,484
Greece	33,869	31,340	29,341	25,225	35,280
Israel	59,741	58,506	56,918	55,801	57,330
Italy	103,664	92,904	111,720	93,609	81,967
Jamaica	3,116	2,470	1,646	1,294	1,175
Mexico	56,154	49,098	67,150	39,925	40,396
Morocco	28,048	31,282	34,339	47,334	42,395
South Africa	29,341	33,163	27,224	34,751	34,280
Spain	111,014	117,071	104,723	101,018	94,844
Turkey	29,400	31,752	32,046	35,280	38,220
U.A.R. (Egypt)	48,157	50,333	44,394	39,454	41,160
All Others	59,683	60,858	18,346	19,638	5,055
Total	1,416,952	1,462,287	1,408,648	1,462,592	1,370,029

Source: USDA, Foreign Agricultural Service - Foreign Agriculture Circular,
Crop Reporting Board - Citrus Fruits By States.

TABLE 5

PRODUCTION AND UTILIZATION OF ORANGES, BY STATES
(1969-70 to 1978-79)

Season	California-Arizona			Florida			Texas			Total U.S.		
	Total	Fresh	Fresh	Total	Fresh	Fresh	Total	Fresh	Fresh	Total	Fresh	Fresh
	Million Cartons	%		Million Cartons	%		Million Cartons	%		Million Cartons	%	
1969-70	87.3	57.8	66	275.4	26.5	10	8.4	4.8	57	371.1	89.1	24
1970-71	82.1	54.1	66	284.6	27.9	10	12.4	6.3	51	379.1	88.3	23
1971-72	96.6	58.9	61	274.0	22.5	8	12.3	5.5	45	382.9	86.9	23
1972-73	94.3	53.9	57	339.4	24.4	7	15.6	6.4	41	449.3	84.7	19
1973-74	87.6	62.8	72	331.6	22.2	7	13.2	4.8	36	432.4	89.8	21
1974-75	119.9	77.1	64	346.6	26.8	8	9.1	4.8	53	475.6	108.7	23
1975-76	111.0	70.9	64	362.4	23.5	6	12.2	6.2	51	485.6	100.6	21
1976-77	98.5	69.8	71	373.6	17.8	5	13.8	6.8	49	485.9	94.4	19
1977-78	92.4	62.9	68	335.6	19.9	6	12.2	6.3	52	440.2	89.1	20
1978-79	80.2	52.5	65	328.0	23.4	7	12.8	4.2	33	421.0	80.1	19

Temples not included

Source: USDA, Crop Reporting Board - Citrus Fruits By States

TABLE 6

PRODUCTION AND UTILIZATION OF CALIFORNIA-ARIZONA ORANGES
(1969-70 to 1978-79)

Season	Navels & Miscellaneous			Valencia		
	Total	Fresh	Processed	Total	Fresh	Processed
	1,000 Cartons					
1969-70	44,380	33,458	10,922	42,880	24,364	18,516
1970-71	37,320	30,548	6,772	44,800	23,530	21,270
1971-72	46,400	34,476	11,924	50,200	24,428	25,772
1972-73	39,520	26,448	13,072	54,800	27,490	27,310
1973-74	44,700	35,498	9,202	42,920	27,296	15,624
1974-75	57,640	42,000	15,640	62,300	35,100	27,200
1975-76	58,060	42,360	15,700	52,900	28,500	24,400
1976-77	52,800	39,810	12,990	45,700	29,950	15,750
1977-78	41,640	31,770	9,870	50,800	31,100	19,700
1978-79	43,000	29,800	13,200	37,200	22,680	14,520

Source: USDA, Crop Reporting Board - Citrus Fruits By States

TABLE 7
BEARING ACREAGE AND PRODUCTION OF ORANGES BY STATES
(1969-70 to 1978-79)

Season	California-Arizona		Florida		Texas		Total U.S.	
	Bearing Acreage	Production	Bearing Acreage	Production	Bearing Acreage	Production	Bearing Acreage	Production
	1,000 Acres	Million Cartons	1,000 Acres	Million Cartons	1,000 Acres	Million Cartons	1,000 Acres	Million Cartons
1969-70	183.0	87.3	635.8	275.4	35.0	8.4	853.8	371.1
1970-71	192.5	82.1	665.6	284.6	40.5	12.4	898.6	379.1
1971-72	204.7	96.6	623.0	274.0	42.5	12.3	870.2	382.9
1972-73	212.9	94.3	619.6	339.4	35.0	15.6	867.5	449.3
1973-74	217.7	87.6	614.6	331.6	32.5	13.2	864.8	432.4
1974-75	219.9	119.9	610.4	346.6	30.9	9.1	861.2	475.6
1975-76	218.7	111.0	596.4	362.4	30.9	12.2	846.0	485.6
1976-77(a)	213.5	98.5	594.3	373.6	28.2	13.8	836.0	485.9
1977-78	204.2	92.4	579.0	335.6	28.2	12.2	811.4	440.2
1978-79	201.8	80.2	571.5	328.0	27.8	12.8	801.1	421.0

(a): No Arizona Acreage survey for 1976-77. Used the latest data available.
Source: USDA, Crop Reporting Board - Citrus Fruits By States; California Fruit & Nut Acreage; Arizona Fruit & Vegetable Standardization Service; Florida Agricultural Statistics.

TABLE 8
BEARING AND NON-BEARING ACREAGE OF CALIFORNIA-ARIZONA ORANGES
(1969-70 to 1978-79)

Season	Navels & Miscellaneous			Valencias		
	Bearing	Non-Bearing*	Total	Bearing	Non-Bearing*	Total
	Acres					
1969-70	84,255	45,218	129,473	98,791	21,715	120,506
1970-71	91,413	40,036	131,449	101,130	14,810	115,940
1971-72	100,335	34,919	135,254	104,362	10,220	114,582
1972-73	107,408	29,490	136,898	105,485	7,061	112,546
1973-74	113,755	19,042	132,797	103,969	5,686	109,655
1974-75	118,931	15,750	134,681	100,936	4,400	105,336
1975-76	121,942	11,300	133,242	96,744	3,597	100,341
1976-77(a)	122,177	8,781	130,958	91,281	3,357	94,638
1977-78	118,555	5,200	123,755	85,637	2,193	87,830
1978-79	116,908	3,914	120,822	84,859	1,001	85,860

*: Starting with 1977-78, Arizona data not available.
(a): No Arizona Acreage survey for 1976-77. Used the latest data available.
Source: California Fruit & Nut Acreage; Arizona Fruit & Vegetable Standardization Service

TABLE 9
COMMERCIAL FRESH SHIPMENTS, BY MONTHS
For California-Arizona Oranges
(1969-70 to 1978-79)

Season	Nov.	Dec.	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Total Nov.-Oct.
1,000 Cartons													
1969-70	4,120	5,590	5,907	5,764	7,267	6,864	6,748	4,637	3,639	3,490	3,375	1,920	59,321
1970-71	3,040	5,117	4,823	5,302	6,512	6,246	5,633	3,952	3,082	3,223	2,832	2,971	52,740
1971-72	3,892	5,322	5,359	5,735	6,455	6,459	6,792	5,379	4,286	3,847	4,023	3,251	60,800
1972-73	5,430	5,873	5,091	4,840	5,448	5,519	4,750	3,984	3,484	3,410	3,226	2,549	53,604
1973-74	3,989	5,128	5,502	7,455	8,301	7,451	7,055	4,971	4,096	4,173	3,511	1,842	63,474
1974-75	3,678	6,171	6,317	7,219	8,119	9,968	9,920	7,720	5,153	4,434	4,089	2,949	75,737
1975-76	3,937	5,713	6,323	5,691	7,437	7,965	8,649	6,719	5,196	4,457	4,445	3,920	70,452
1976-77	4,129	5,934	7,119	6,800	8,078	8,424	8,169	6,119	5,013	4,439	4,102	2,425	70,751
1977-78	3,311	5,559	5,601	6,451	7,383	8,195	6,831	5,582	3,862	3,570	3,105	2,436	61,886
1978-79	3,348	5,707	4,879	4,419	5,687	6,470	5,416	3,746	3,207	3,176	3,412	3,125	52,592

Source: Orange Administrative Committee

TABLE 10
COMMERCIAL FRESH SHIPMENTS, BY MONTHS
For Florida and Texas Oranges
(1969-70 to 1978-79)

Season	Nov.	Dec.	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Total Nov.-Oct.
1,000 Cartons													
1969-70	3,878	5,612	4,511	4,310	3,494	2,639	2,245	1,106	475	38	158	2,343	30,309
1970-71	4,266	6,161	4,864	4,396	3,748	2,767	2,368	1,074	321	65	300	3,743	34,073
1971-72	3,828	5,562	4,173	3,873	3,027	2,417	1,989	1,218	428	90	119	1,463	28,187
1972-73	2,580	4,855	3,018	2,888	3,261	2,940	2,654	1,707	624	210	128	1,180	26,045
1973-74	3,404	4,539	2,389	2,190	2,004	2,122	2,154	1,127	515	84	437	2,393	23,358
1974-75	3,349	5,046	2,572	2,593	2,573	3,392	2,643	1,152	437	75	438	2,537	26,807
1975-76	2,750	5,587	2,455	2,594	2,789	3,020	2,283	1,275	417	67	55	1,676	24,968
1976-77	3,371	5,939	2,322	1,776	2,291	1,739	1,374	397	98	28	55	1,090	20,481
1977-78	3,234	5,416	2,359	2,380	2,504	2,301	1,780	1,013	292	145	63	885	22,372
1978-79	3,175	5,447	2,329	2,329	2,394	2,582	2,651	1,347	456	103	7	902	23,722

Note: Years prior to 1972-73 include Temples, Tangelos and K-Early
Source: USDA, Federal-State Market News Service; Florida Agricultural Statistics

TABLE 11
CALIFORNIA-ARIZONA NAVELS
Weekly Shipments
(1978-79 Season)

Week Through	Central		Southern		Desert		Total (a)	
	Fresh	Products	Fresh	Products	Fresh	Products	Fresh	Products
	Carloads of 1,000 cartons each							
Oct. 19, 1978	-	-	-	-	1	-	1	-
26	-	-	-	-	-	-	-	-
Nov. 2	-	-	-	-	12	2	12	2
9	46	4	-	-	68	6	114	10
16	405	32	-	-	119	7	524	39
23	787	73	-	-	86	5	873	78
30	1,023	112	-	-	105	8	1,128	120
Dec. 7	1,445	148	30	6	130	8	1,605	162
14	1,643	276	101	18	174	19	1,918	313
21	904	386	129	22	84	53	1,117	461
28	549	307	135	21	41	19	725	347
Jan. 4, 1979	545	465	187	24	39	20	771	509
11	720	433	189	29	25	9	934	471
18	889	402	153	43	14	6	1,056	451
25	997	548	190	62	9	1	1,196	611
Feb. 1	1,007	546	243	59	8	1	1,258	606
8	1,019	602	253	48	7	2	1,279	652
15	873	668	275	114	6	5	1,154	787
22	776	411	210	86	6	8	992	505
Mar. 1	725	383	187	56	7	3	919	442
8	1,030	681	223	65	3	1	1,256	747
15	947	866	167	60	2	1	1,116	927
22	978	467	142	59	-	-	1,120	526
29	1,061	550	147	65	-	-	1,208	615
Apr. 5	1,114	673	112	81	-	-	1,226	754
12	1,184	867	150	146	-	-	1,334	1,013
19	1,048	807	104	83	-	-	1,152	890
26	980	689	51	51	-	-	1,031	740
May 3	943	523	25	25	-	-	968	548
10	726	397	8	12	-	-	734	409
17	422	230	4	5	-	-	426	235
24	193	90	1	1	-	-	194	91
31	42	31	-	-	-	-	42	31
June 7	7	16	-	-	-	-	7	16
TOTAL	25,028	12,683	3,416	1,241	946	184	29,390	14,108

(a) Does not include economic abandonment of 1979 cars produced on 7,360 acres.

Source: Navel Orange Administrative Committee

TABLE 12
CALIFORNIA-ARIZONA VALENCIAS
Weekly Shipments
(1978-79 Season)

Week Through	Central		Southern		Desert		Total	
	Fresh	Products	Fresh	Products	Fresh	Products	Fresh	Products
Carloads of 1,000 cartons each								
JAN. 27, 1979	-	-	-	-	-	1	-	1
FEB. 3	-	-	-	-	-	7	-	7
10	-	-	-	-	1	2	1	2
17	-	-	-	-	10	19	10	19
24	-	-	-	-	26	36	26	36
MAR. 3	-	-	-	-	49	71	49	71
10	-	-	-	2	94	82	94	84
17	-	1	-	3	105	137	105	141
24	-	4	-	1	152	114	152	119
31	-	2	1	-	212	161	213	163
APR. 7	-	1	-	1	267	174	267	176
14	1	-	3	4	283	193	287	197
21	15	4	73	24	255	224	343	252
28	27	5	202	58	232	277	461	340
MAY 5	80	45	218	73	189	265	487	383
12	177	41	206	64	185	252	568	357
19	370	102	236	82	172	231	778	415
26	722	214	343	130	106	181	1,171	525
JUNE 2	597	148	319	123	41	103	957	374
9	558	175	389	170	24	80	971	425
16	524	198	369	119	15	48	908	365
23	499	166	350	135	23	14	872	315
30	449	193	405	180	4	9	858	382
JULY 7	408	146	361	129	-	5	769	280
14	438	205	360	189	-	-	798	394
21	350	239	359	161	-	-	709	400
28	350	225	363	179	-	-	713	404
AUG. 4	350	183	374	228	-	-	724	411
11	379	230	390	252	-	-	769	482
18	318	210	363	216	-	-	681	426
25	374	224	358	271	-	-	732	495
SEPT. 1	379	219	394	319	-	-	773	538
8	397	188	294	235	-	-	691	423
15	495	297	348	281	-	-	843	578
22	517	267	332	264	-	-	849	531
29	535	321	331	281	-	-	866	602
OCT. 6	551	316	282	207	-	-	833	523
13	584	352	294	245	-	-	878	597
20	499	352	269	235	-	-	768	587
27	446	308	198	182	-	-	644	490
NOV. 3	403	390	146	150	-	-	549	540
10	203	159	81	100	-	-	284	259
17	67	35	47	66	-	-	114	101
24	18	33	21	46	-	-	39	78
DEC. 1	6	10	10	23	-	-	16	33
8	4	4	6	2	-	-	10	6
15	-	4	2	4	-	-	2	8
22	-	2	2	1	-	-	2	3
29	-	-	-	1	-	-	-	1
TOTAL	12,090	6,218	9,099	5,436	2,445	2,686	23,634	14,340

SOURCE: Valencia Orange Administrative Committee

TABLE 13
 UTILIZATION AND AVERAGE ON-TREE PRICES
 For California-Arizona Oranges
 (1969-70 to 1978-79)

Season	Navels & Miscellaneous						Valencias					
	Utilization			On-Tree Prices			Utilization			On-Tree Prices		
	Fresh	Products	Total	Fresh	Products	Total	Fresh	Products	Total	Fresh	Products	Total
	Million Cartons			Dollars Per Carton			Million Cartons			Dollars Per Carton		
1969-70	33.5	10.9	44.4	1.41	-0.12	1.03	24.4	18.5	42.9	1.55	0.21	0.97
1970-71	30.5	6.8	37.3	1.77	-0.17	1.41	23.5	21.3	44.8	1.55	0.14	0.88
1971-72	34.5	11.9	46.4	1.50	-0.18	1.07	24.4	25.8	50.2	1.28	0.18	0.71
1972-73	26.4	13.1	39.5	2.14	-0.30	1.33	27.5	27.3	54.8	1.83	0.18	1.01
1973-74	35.5	9.2	44.7	1.92	-0.43	1.44	27.3	15.6	42.9	1.80	0.00	1.15
1974-75	42.0	15.8	57.8	1.84	-0.53	1.19	35.1	27.2	62.3	1.57	-0.08	0.85
1975-76	42.4	15.7	58.1	1.54	-0.44	1.00	28.5	24.4	52.9	1.45	-0.05	0.76
1976-77	39.8	13.0	52.8	1.79	-0.49	1.23	30.0	15.7	45.7	1.92	-0.17	1.19
1977-78	31.8	9.8	41.6	3.25	-0.40	2.38	31.1	19.7	50.8	3.36	0.40	2.21
1978-79	29.8	13.2	43.0	4.20	-0.30	2.82	22.7	14.5	37.2	3.64	0.53	2.43

Source: USDA, Crop Reporting Board - Citrus Fruits By States; Agricultural Prices

TABLE 14
UTILIZATION AND AVERAGE ON-TREE PRICES
For Florida and Texas Oranges
(1969-70 to 1978-79)

Season	Florida						Texas					
	Utilization			On-Tree Prices			Utilization			On-Tree Prices		
	Fresh	Products	Total	Fresh	Products	Total	Fresh	Products	Total	Fresh	Products	Total
	Million Cartons			Dollars Per Carton			Million Cartons			Dollars Per Carton		
1969-70	26.5	248.9	275.4	0.73	0.56	0.57	4.8	3.6	8.4	0.61	0.30	0.48
1970-71	27.9	256.7	284.6	0.91	0.71	0.73	6.3	6.1	12.4	0.49	0.28	0.39
1971-72	22.5	251.5	274.0	1.25	1.01	1.02	5.5	6.8	12.3	0.87	0.69	0.77
1972-73	24.4	315.0	339.4	0.93	0.77	0.78	6.4	9.2	15.6	0.67	0.50	0.57
1973-74	22.2	309.4	331.6	1.05	0.72	0.74	4.8	8.4	13.2	0.64	0.52	0.57
1974-75	26.8	319.8	346.6	1.06	0.79	0.81	4.8	4.3	9.1	0.94	0.50	0.73
1975-76	23.5	338.9	362.4	1.13	0.87	0.89	6.2	6.0	12.2	0.81	0.64	0.73
1976-77	17.8	355.8	373.6	1.10	1.09	1.09	6.8	7.0	13.8	1.03	0.86	0.95
1977-78	19.9	315.7	335.6	2.43	2.05	2.07	6.3	5.9	12.2	1.67	1.71	1.69
1978-79	23.4	304.6	328.0	2.71	2.49	2.50	4.2	8.6	12.8	1.94	1.55	1.68

Source: USDA, Crop Reporting Board - Citrus Fruits by States; Agricultural Prices.

TABLE 15

FRESH SHIPMENTS, F.O.B. PRICE AND AVERAGE SIZE
For California-Arizona Oranges
(1969-70 to 1978-79)

Nov.- April	Navels & Miscellaneous			May- Oct.	Valencias		
	Commercial Fresh Shipments	F.O.B. Price	Average Size		Commercial Fresh Shipments	F.O.B. Price	Average Size
	Million Cartons	Dollars Per Ctn.	Oranges Per Ctn.		Million Cartons	Dollars Per Ctn.	Oranges Per Ctn.
1969-70	30.5	2.82	94	1970	21.2	2.92	112
1970-71	27.9	3.34	87	1971	20.1	3.14	109
1971-72	28.2	3.13	98	1972	21.6	2.94	108
1972-73	25.8	3.61	85	1973	21.4	3.37	110
1973-74	33.7	3.68	82	1974	24.0	3.69	96
1974-75	37.9	3.73	89	1975	30.4	3.53	107
1975-76	34.8	3.63	92	1976	26.1	3.55	103
1976-77	37.1	3.89	89	1977	27.2	4.52	97
1977-78	31.0	5.61	89	1978	24.9	6.03	109
1978-79	28.3	7.11	88	1979	20.3	6.97	94

Source: Orange Administrative Committee; Sunkist Growers, Inc.

TABLE 16

COST OF PRODUCING AND MARKETING CALIFORNIA-ARIZONA PACKED ORANGES
(1969-70 to 1978-79)

Nov.- Oct.	Produc- tion	Bearing Acreage	Cartons Per Acre	Cul- tural Cost	Picking and Hauling	Pack- ing	Selling and Adver- tising	Trans. to New York	Total Delivered Market
	1,000 Cartons	Acres	Cartons	Dollars Per Packed Equivalent Carton					
1969-70	87,260	183,046	477	1.31	0.41	0.76	0.30	1.13	3.91
1970-71	82,120	192,543	427	1.48	0.40	0.76	0.30	1.13	4.07
1971-72	96,600	204,697	472	1.35	0.51	0.80	0.30	1.18	4.14
1972-73	94,320	212,893	443	1.55	0.39	0.87	0.28	1.20	4.29
1973-74	87,620	217,724	402	NA	0.37	0.98	0.30	1.38	NA
1974-75	119,940	219,867	546	NA	0.47	1.09	0.28	1.53	NA
1975-76	110,960	218,686	507	NA	0.52	1.14	0.33	1.49	NA
1976-77	98,500	213,458(a)	461	2.28	0.55	1.25	0.36	1.49	5.93
1977-78	92,440	204,192	453	NA	0.58	1.32	0.34	1.60	NA
1978-79(p)	80,200	201,767	397	NA	0.63	1.48	0.37	1.75	NA

(a): No Arizona Acreage survey for 1976-77 Season. Used the latest data available.

NA: Not Available.

P: Dollars Preliminary

Source: USDA, Crop Reporting Board - California Fruit & Nut Acreage; Arizona Fruit & Vegetable Standardization Service; California-Arizona Citrus League; Sunkist Growers, Inc.; UCR; UAT.

TABLE 17
AUCTION SALES AND DELIVERED AVERAGE PRICE
For California-Arizona Oranges
(1969-70 to 1978-79)

Season	Navels & Miscellaneous		Valencias		Total Oranges	
	Volume Sold	Delivered Average	Volume Sold	Delivered Average	Volume Sold	Delivered Average
	1,000 Cartons	Dollars Per Carton	1,000 Cartons	Dollars Per Carton	1,000 Cartons	Dollars Per Carton
1969-70	3,296	3.47	2,340	3.34	5,636	3.42
1970-71	2,858	4.15	2,210	3.81	5,068	4.00
1971-72	3,023	3.95	2,215	3.58	5,238	3.79
1972-73	1,802	4.23	2,785	4.12	4,587	4.16
1973-74	1,951	4.75	1,789	4.57	3,740	4.66
1974-75	2,742	4.69	2,549	4.54	5,291	4.62
1975-76	2,568	4.36	1,507	4.72	4,075	4.49
1976-77	1,568	5.02	1,554	5.76	3,122	5.39
1977-78	1,097	6.50	1,838	6.71	2,935	6.63
1978-79	951	8.13	1,302	7.14	2,253	7.56

Source: Sunkist Growers, Inc.

TABLE 18
SIZE PERCENTAGE OF DOMESTIC SHIPMENTS
For California-Arizona Oranges
(1978-79)

Size	Central		South		Desert	
	Navels	Valencias	Navels	Valencias	Navels	Valencias
	Percent					
40's & Larger	1.14	0.29	3.00	0.54	0.27	0.20
48	3.04	3.58	5.43	3.29	1.12	1.10
56	14.17	17.88	20.69	17.75	5.72	9.00
72	28.12	24.53	26.35	27.39	16.37	18.43
88	30.14	25.96	21.63	25.45	33.75	30.37
113	16.61	18.46	13.12	16.65	28.45	24.72
138	5.30	7.48	6.28	6.69	10.83	12.25
163	1.34	1.80	2.15	1.83	3.05	2.94
180	0.05	0.02	1.15	0.36	0.44	0.99
210's & Smaller	-	-	0.19	-	-	-
Avg. Size	85.00	87.00	83.00	86.00	98.00	97.00

Source: Orange Administrative Committee

TABLE 19
PRODUCTION OF TANGERINES IN SPECIFIED COUNTRIES
(1974-75 to 1978-79)

Countries	1974-75	1975-76	1976-77	1977-78	1978-79
	1,000 Cartons (37.5 lbs.)				
United States	30,500	32,720	28,740	30,000	28,600
Argentina	13,524	13,465	14,700	14,994	13,289
Australia	1,588	1,823	1,646	1,705	1,588
Brazil	30,341	37,397	33,340	20,639	19,169
Greece	1,999	1,999	1,999	1,529	1,705
Italy	19,639	20,639	21,050	20,698	17,934
Japan	231,613	248,077	209,328	241,315	214,444
Mexico	9,173	4,116	8,291	4,175	5,645
Morocco	6,233	7,056	11,760	14,700	15,935
Spain	34,751	38,338	40,278	46,805	50,568
Taiwan	13,171	14,230	13,171	14,112	N/A
Turkey	6,586	6,174	7,409	7,938	7,644
U.A.R. (Egypt)	5,821	5,704	4,998	4,469	4,704
All Others	2,058	2,176	2,352	3,116	235
Total	406,997	433,914	399,062	426,195	381,460

Source: USDA, Foreign Agricultural Service - Foreign Agriculture Circular,
Crop Reporting Board - Citrus Fruits By States.

TABLE 20

PRODUCTION AND UTILIZATION OF TANGERINES BY STATES
(1969-70 to 1978-79)

Season	California-Arizona			Florida			Total United States		
	Total	Fresh	Fresh	Total	Fresh	Fresh	Total	Fresh	Fresh
	1,000 Cartons		%	1,000 Cartons		%	1,000 Cartons		%
1969-70	2,220	1,292	58	21,400	13,206	62	23,620	14,498	61
1970-71	3,060	1,910	62	22,800	13,000	57	25,860	14,910	58
1971-72	3,660	2,286	62	24,200	11,814	49	27,860	14,100	51
1972-73	4,260	2,436	57	22,400	11,792	53	26,660	14,228	53
1973-74	4,080	2,830	69	23,600	11,152	47	27,680	13,982	51
1974-75	4,300	2,820	66	26,200	12,964	49	30,500	15,784	52
1975-76	3,920	2,540	65	28,800	13,872	48	32,720	16,412	50
1976-77	4,940	3,400	69	23,800	11,592	49	28,740	14,992	52
1977-78	4,000	2,460	62	26,000	11,874	46	30,000	14,334	48
1978-79	3,800	2,400	63	24,800	11,494	46	28,600	13,894	49

Includes: Temples, Royal Mandarins and Tangelos

Source: USDA, Crop Reporting Board - Citrus Fruits by States

TABLE 21

BEARING ACREAGE AND PRODUCTION OF TANGERINES BY STATES
(1969-70 to 1978-79)

Season	California-Arizona		Florida		Total United States	
	Bearing Acreage	Production	Bearing Acreage	Production	Bearing Acreage	Production
	1,000 Acres	1,000 Cartons	1,000 Acres	1,000 Cartons	1,000 Acres	1,000 Cartons
1969-70	12.5	2,220	58.5	21,400	71.0	23,620
1970-71	12.7	3,060	65.0	22,800	77.7	25,860
1971-72	14.5	3,660	60.0	24,200	74.5	27,860
1972-73	14.9	4,260	60.9	22,400	75.8	26,660
1973-74	16.1	4,080	59.8	23,600	75.9	27,680
1974-75	18.7	4,300	60.2	26,200	78.9	30,500
1975-76	17.5	3,920	57.1	28,800	74.6	32,720
1976-77(a)	16.3	4,940	56.6	23,800	72.9	28,740
1977-78	13.6	4,000	53.3	26,000	66.9	30,000
1978-79	12.2	3,800	59.3	24,800	71.5	28,600

Includes Temples, Royal Mandarins and Tangelos

(a): No Arizona Acreage survey for 1976-77 Season. Used the latest data available.

Source: USDA, Crop Reporting Board - Citrus Fruits by States; California Fruit & Nut Acreage; Arizona Fruit & Vegetable Standardization Service; Florida Agricultural Statistics.

TABLE 22
PRODUCTION OF LEMONS IN SPECIFIED COUNTRIES
(1974-75 to 1978-79)

Country	1974-75	1975-76	1976-77	1977-78	1978-79
	1,000 Cartons (38 lbs.)				
United States	61,400	37,980	52,780	53,600	53,277
Argentina	19,671	14,333	18,568	16,247	15,493
Australia	2,031	2,089	2,147	2,437	2,495
Brazil	21,760	22,282	21,528	21,064	21,296
Chile	2,553	2,669	3,772	4,004	4,120
Cyprus	1,044	1,161	1,741	1,741	1,393
Greece	10,735	11,083	11,025	11,257	10,155
Israel	1,799	1,799	2,147	1,683	2,205
Italy	45,319	47,930	45,957	46,421	34,816
Spain	9,342	17,176	12,766	18,162	13,868
South Africa	1,393	1,277	1,451	2,031	1,857
Turkey	15,377	16,828	16,131	16,247	14,507
All Others	4,525	4,177	174	232	522
Total	196,949	180,784	190,187	195,126	176,004

NA: Not Available

Source: USDA, Foreign Agricultural Service - Foreign Agriculture Circular.
Crop Reporting Board - Citrus Fruits by States;
Florida Agricultural Statistics.

TABLE 23
PRODUCTION AND UTILIZATION OF CALIFORNIA AND ARIZONA LEMONS
(1969-70 to 1978-79)

Season	California			Arizona			Total California-Arizona		
	Total	Fresh	Fresh	Total	Fresh	Fresh	Total	Fresh	Fresh
	Million Cartons	%		Million Cartons	%		Million Cartons	%	
1969-70	25.4	16.0	63	5.6	2.7	48	31.0	18.7	60
1970-71	26.6	16.9	64	6.3	2.6	41	32.9	19.5	59
1971-72	27.2	16.6	61	6.2	2.6	42	33.4	19.2	57
1972-73	35.2	18.3	52	9.2	3.7	40	44.4	22.0	50
1973-74	29.8	18.8	63	5.8	3.5	60	35.6	22.3	63
1974-75	44.4	19.2	43	14.4	3.8	26	58.8	23.0	39
1975-76	30.4	19.1	63	4.8	2.8	58	35.2	21.9	62
1976-77	42.0	22.0	52	10.0	4.2	42	52.0	26.2	50
1977-78	40.6	19.8	49	11.6	4.6	40	52.2	24.4	47
1978-79	27.8	18.3	66	11.0	5.6	51	38.8	23.9	62

Source: USDA, Crop Reporting Board, Citrus Fruits by States

TABLE 24
BEARING AND NON-BEARING ACREAGE OF CALIFORNIA AND ARIZONA LEMONS
(1969-70 to 1978-79)

Season	California			Arizona			Total California-Arizona		
	Bearing	Non-Bearing	Total	Bearing	Non-Bearing	Total	Bearing	Non-Bearing	Total
	1,000 Acres								
1969-70	37.4	12.8	50.2	9.7	6.0	15.7	47.1	18.8	65.9
1970-71	38.2	16.5	54.7	12.2	5.9	18.1	50.4	22.4	72.8
1971-72	39.1	17.7	56.8	12.9	7.2	20.1	52.0	24.9	76.9
1972-73	41.1	18.7	59.8	14.5	7.5	22.0	55.6	26.2	81.8
1973-74	44.7	17.0	61.7	19.9	8.9	28.8	64.6	25.9	90.5
1974-75	44.4	16.5	60.9	20.5	8.2	28.7	64.9	24.7	89.6
1975-76	47.4	17.8	65.2	20.3	8.3	28.6	67.7	26.1	93.8
1976-77 (a)	47.9	16.6	64.5	20.3	6.7	27.0	68.2	23.3	91.5
1977-78	47.0	14.3	61.3	20.9	2.3	23.2	67.9	16.6	84.5
1978-79	49.8	9.6	59.4	18.6	0.2	18.8	68.4	9.8	78.2

(a): No Arizona Acreage survey for 1976-77 Season. Used the latest data available.
Source: California Fruit & Nut Acreage; Arizona Fruit & Vegetable Standardization Service.
Starting 1973-74 Arizona non-bearing acreage taken from the Lemon Administrative Committee January 1 surveys.

TABLE 25
FRESH SHIPMENTS, F.O.B. PRICE AND AVERAGE SIZE
For California-Arizona Lemons
(1969-70 to 1978-79)

Nov.- Apr.	Winter Lemons			May- Oct.	Summer Lemons			Total Lemons
	Commercial Fresh Shipments	F.O.B. Price	Average Size		Commercial Fresh Shipments	F.O.B. Price	Average Size	Average Size
	Million Cartons	Dollars Per Ctn.	Lemons Per Ctn.		Million Cartons	Dollars Per Ctn.	Lemons Per Ctn.	Lemons Per Ctn.
1969-70	8.1	4.34	151	1970	10.6	4.29	158	155
1970-71	7.9	4.82	153	1971	11.0	4.73	156	155
1971-72	8.7	4.82	154	1972	11.4	5.00	157	156
1972-73	10.0	4.73	148	1973	12.1	5.79	147	148
1973-74	9.4	5.73	143	1974	13.0	5.91	149	147
1974-75	10.1	4.97	147	1975	11.9	7.23	146	147
1975-76	9.4	6.25	149	1976	13.9	5.05	147	148
1976-77	11.2	4.53	143	1977	14.6	5.65	145	144
1977-78	11.5	5.11	141	1978	13.3	8.48	143	142
1978-79	11.9	6.56	141	1979	9.6	14.12	139	140

Source: Lemon Administrative Committee; Sunkist Growers, Inc.

TABLE 26
COST OF PRODUCING AND MARKETING CALIFORNIA-ARIZONA PACKED LEMONS
(1969-70 to 1978-79)

Nov.- Oct.	Produc- tion	Bearing Acreage	Cartons Per Acre	Cul- tural Cost	Picking and Hauling	Pack- ing	Selling and Adver- tising	Trans. to New York	Total Delivered Market
	1,000 Cartons	Acres	Cartons	Dollars Per Packed Equivalent Carton					
1969-70	31,040	47,072	659	1.07	0.60	0.91	0.32	1.17	4.07
1970-71	32,900	50,307	654	1.09	0.66	0.97	0.33	1.17	4.22
1971-72	33,360	52,008	641	1.14	0.62	1.13	0.32	1.20	4.41
1972-73	44,400	55,544	799	0.96	0.70	1.21	0.31	1.23	4.41
1973-74	35,600	64,529	552	NA	0.74	1.30	0.38	1.40	NA
1974-75	58,800	64,902	906	NA	0.83	1.59	0.31	1.55	NA
1975-76	35,240	67,754	520	NA	0.92	1.70	0.33	1.51	NA
1976-77	52,000	68,261(a)	762	1.84	1.00	1.77	0.37	1.51	6.49
1977-78	52,200	67,854	769	NA	1.16	2.04	0.35	1.62	NA
1978-79(p)	38,800	68,408	567	NA	1.20	2.25	0.39	1.76	NA

(a): No Arizona Acreage survey for 1976-77 Season. Used the latest data available.

NA: Not available.

P: Dollars preliminary.

Source: USDA, Crop Reporting Board - Citrus Fruits By States; California Fruit & Nut Acreage; Arizona Fruit & Vegetable Standardization Service; California - Arizona Citrus League; Sunkist Growers, Inc.; UCR; UAT.

TABLE 27
UTILIZATION AND AVERAGE ON-TREE PRICES
For California - Arizona Lemons
(1969-70 to 1978-79)

Season	California						Arizona						Total California-Arizona					
	Utilization			On-Tree Prices			Utilization			On-Tree Prices			Utilization			On-Tree Prices		
	Fresh	Prod.	Total	Fresh	Prod.	Total	Fresh	Prod.	Total	Fresh	Prod.	Total	Fresh	Prod.	Total	Fresh	Prod.	Total
	1,000 Cartons			Dollars Per Carton			1,000 Cartons			Dollars Per Carton			1,000 Cartons			Dollars Per Carton		
1969-70	16.0	9.4	25.4	2.59	0.33	1.76	2.7	3.0	5.6	3.30	0.33	1.74	18.7	12.4	31.1	2.69	0.33	1.75
1970-71	17.0	9.6	26.6	2.87	0.43	1.98	2.6	3.7	6.3	2.85	0.25	1.31	19.6	13.3	32.9	2.87	0.38	1.85
1971-72	16.6	10.6	27.2	2.75	0.56	1.90	2.6	3.5	6.2	2.65	0.30	1.30	19.2	14.1	33.3	2.74	0.49	1.79
1972-73	18.3	16.9	35.2	2.63	0.36	1.54	3.7	5.5	9.2	2.78	0.38	1.35	22.0	22.4	44.4	2.65	0.36	1.50
1973-74	18.8	11.0	29.8	2.53	0.29	2.33	3.5	2.3	5.8	3.80	0.35	2.42	22.3	13.3	35.6	3.57	0.30	2.34
1974-75	19.2	25.2	44.4	3.22	-0.31	1.22	3.8	10.6	14.4	2.65	0.13	0.80	23.0	35.8	58.8	3.12	-0.18	1.11
1975-76	19.1	11.3	30.4	3.38	-0.40	1.98	2.8	2.1	4.8	4.58	-0.48	2.40	21.9	13.4	35.3	3.53	-0.42	2.03
1976-77	22.0	20.0	42.0	2.10	-0.48	0.88	4.2	5.8	10.0	2.18	-0.48	0.64	26.2	25.8	52.0	2.11	-0.48	0.83
1977-78	19.8	20.8	40.6	3.29	-0.52	1.34	4.6	7.0	11.6	2.15	-0.68	0.44	24.4	27.8	52.2	3.07	-0.56	1.14
1978-79	18.3	9.5	27.8	4.72	-0.50	2.94	5.6	5.4	11.0	2.17	-0.49	0.87	23.9	14.9	38.8	4.12	-0.49	2.35

Source: USDA, Crop Reporting Board - Citrus Fruits by States; Agricultural Prices.

TABLE 28
CALIFORNIA-ARIZONA LEMON SHIPMENTS AND PICKS, BY WEEKS
(1978-79 Season)

Week Through	Carloads of 1,000 Cartons Each			
	Fresh	Processed	Total	Picks
Aug. 5, 1978	600	105	705	393
12	577	110	687	464
19	571	117	688	439
26	525	116	641	470
Sept. 2	507	189	696	530
9	420	150	570	412
16	421	213	634	674
23	436	228	664	766
30	391	292	683	667
Oct. 7	475	281	756	801
14	308	298	606	924
21	486	384	870	795
28	401	362	763	895
Nov. 4	622	404	1,026	1,096
11	525	440	965	1,088
18	612	434	1,046	1,022
25	389	387	776	732
Dec. 2	523	580	1,103	1,224
9	403	522	925	1,059
16	406	435	841	908
23	426	388	814	677
30	397	477	874	858
Jan. 6, 1979	256	400	656	735
13	367	512	879	910
20	494	411	905	462
27	368	530	898	1,290
Feb. 3	494	441	935	737
10	366	475	841	1,504
17	453	520	973	1,052
24	351	350	701	658
Mar. 3	437	467	904	1,238
10	389	491	880	1,436
17	543	410	953	922
24	547	281	828	820
31	585	257	842	600
Apr. 7	546	346	892	1,413
14	549	284	833	1,002
21	492	280	772	998
28	525	320	845	930
May 5	518	225	743	762
12	472	193	665	660
19	490	242	732	502
26	410	220	630	363
June 2	474	129	603	287
9	457	118	575	302
16	478	88	566	318
23	425	89	514	313
30	440	96	536	251
July 7	370	62	432	197
14	347	62	409	269
21	369	51	420	235
28	366	51	417	245
TOTAL	23,799	15,313(a)	39,112	38,305

(a) Includes 815 Carloads Dumped.
Source: Lemon Administrative Committee

TABLE 29

CALIFORNIA-ARIZONA ESTIMATED LEMON STORAGE BY DISTRICTS
(1978-79 Season)

Storage Date	District 1 Central	District 2 South	District 3 Desert	Total
	Carloads of 1,000 Cartons Each			
Aug. 12, 1978	9	1,671	68	1,748
26	8	1,098	197	1,303
Sep. 9	5	577	361	943
23	6	507	593	1,106
Oct. 7	8	459	684	1,151
21	7	436	956	1,399
Nov. 4	-	421	1,167	1,588
18	20	448	1,237	1,705
Dec. 2	83	431	1,315	1,829
16	120	599	1,341	2,060
30	134	765	1,050	1,949
Jan. 13, 1979	160	917	816	1,893
27	207	1,167	485	1,859
Feb. 10	278	1,618	444	2,340
24	222	1,730	375	2,327
Mar. 10	358	2,672	193	3,223
24	280	2,810	121	3,211
Apr. 7	267	3,148	15	3,430
21	191	3,655	8	3,854
May 5	124	3,812	7	3,943
19	65	3,720	6	3,791
Jun. 2	34	3,185	-	3,219
16	24	2,791	-	2,815
30	25	2,266	-	2,291
Jul. 14	27	1,914	-	1,941
28	28	1,584	-	1,612

Source: Lemon Administrative Committee

TABLE 30
CALIFORNIA-ARIZONA LEMON SHIPMENTS, PICKS AND STORAGE, BY MONTHS
(1969-70 to 1978-79)

Season	Nov.	Dec.	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Total Nov.-Oct.
1,000 Cartons													
FRESH SHIPMENTS													
1969-70	1,159	1,336	1,147	1,299	1,466	1,712	2,166	2,150	2,104	1,751	1,221	1,198	18,709
1970-71	1,171	1,175	1,205	1,239	1,536	1,568	1,861	2,203	2,097	1,856	1,648	1,297	18,856
1971-72	1,407	1,373	1,354	1,279	1,628	1,638	2,055	2,333	2,387	1,866	1,488	1,295	20,103
1972-73	1,357	1,380	1,574	1,362	2,048	2,249	2,528	2,734	2,119	1,981	1,398	1,314	22,044
1973-74	1,590	1,606	1,484	1,219	1,685	1,868	2,529	2,665	2,699	2,261	1,288	1,548	22,442
1974-75	1,561	1,394	1,447	1,539	2,172	2,031	2,833	2,883	2,039	1,797	1,091	1,258	22,045
1975-76	1,325	1,337	1,574	1,365	1,859	1,988	2,848	2,886	2,623	2,161	1,731	1,706	23,406
1976-77	1,756	1,584	1,681	1,432	2,154	2,508	2,889	3,077	2,999	2,308	1,674	1,779	25,841
1977-78	1,669	1,747	1,776	1,723	2,171	2,371	2,444	2,522	2,227	2,780	1,668	1,670	24,768
1978-79	2,255	1,818	1,730	1,632	2,251	2,257	2,074	1,935	1,452	1,609	1,046	1,520	21,579
PICKS													
1969-70	2,102	2,962	2,558	3,891	4,480	4,360	2,191	2,197	1,774	905	1,629	2,142	31,191
1970-71	2,794	3,110	3,293	3,380	3,690	2,822	2,717	3,896	2,369	1,162	1,327	2,043	32,603
1971-72	2,766	3,096	2,789	2,969	4,446	3,561	4,226	2,948	1,859	1,490	1,984	2,815	34,949
1972-73	4,869	4,188	4,453	3,469	5,050	5,542	5,230	3,173	1,921	1,456	1,388	2,742	43,481
1973-74	2,568	2,976	3,175	3,339	3,008	4,288	4,180	3,052	2,898	1,587	1,789	4,692	37,552
1974-75	6,463	5,840	6,798	5,781	5,303	7,188	5,297	4,608	3,053	1,031	914	2,150	54,426
1975-76	2,480	3,002	2,879	2,774	5,559	4,365	4,189	4,097	1,910	1,261	2,488	4,304	39,308
1976-77	4,051	4,580	3,941	5,538	7,202	5,598	4,201	5,096	2,882	1,486	1,913	3,225	49,713
1977-78	4,663	3,586	4,742	6,972	7,060	5,509	6,133	3,103	1,890	2,294	2,513	3,406	51,871
1978-79	5,143	3,488	4,112	4,428	3,756	4,330	2,572	1,184	945	1,082	1,206	2,451	34,697
STORAGE													
1969-70	858	1,063	1,316	2,096	3,332	4,820	4,352	3,732	2,973	1,767	939	917	
1970-71	1,232	1,388	1,659	2,248	3,308	4,171	4,702	5,068	4,820	3,980	2,141	1,499	
1971-72	1,582	1,452	1,199	1,443	2,417	3,648	4,250	4,373	3,636	2,392	1,576	1,623	
1972-73	1,879	2,285	2,371	2,847	4,188	5,362	5,342	4,208	3,152	1,774	866	910	
1973-74	1,112	1,545	1,644	2,681	3,253	4,423	4,706	4,295	3,398	1,686	1,099	1,557	
1974-75	2,722	3,374	3,444	3,526	3,730	4,750	5,110	4,504	3,300	1,669	775	770	
1975-76	1,086	1,605	1,855	1,913	3,181	4,779	5,626	5,233	3,538	2,170	1,417	1,722	
1976-77	2,169	2,558	2,693	3,965	4,948	6,042	6,086	5,498	3,998	2,165	1,062	1,182	
1977-78	1,658	1,913	2,003	3,373	3,689	3,526	3,533	3,127	2,486	1,526	1,025	1,275	
1978-79	1,707	2,005	1,876	2,334	3,217	3,642	3,651	2,553	1,777	2,040	721	878	

Source: Lemon Administrative Committee

TABLE 31

BEARING ACREAGE, PRODUCTION AND ON-TREE PRICES FOR FLORIDA LEMONS
(1970 to 1979)

Year	True Lemons			Meyer Lemons			All Lemons		
	Bear- ing Acres	Produc- tion	Price Per Carton	Bear- ing Acres	Produc- tion	Price Per Carton	Bear- ing Acres	Produc- tion	Price Per Carton
	1,000 Acres	1,000 Cartons	Dollars	1,000 Acres	1,000 Cartons	Dollars	1,000 Acres	1,000 Cartons	Dollars
1970	6.7	1,500	1.03	1.7	990	0.50	8.4	2,490	0.81
1971	7.1	2,280	1.25	1.6	650	0.75	8.7	2,930	1.12
1972	6.8	2,360	1.50	1.6	1,340	0.70	8.4	3,700	1.24
1973	6.3	2,020	1.63	1.6	1,180	0.73	7.9	3,200	1.29
1974	6.0	2,300	1.25	1.6	1,060	0.35	7.6	3,360	0.96
1975	5.4	1,700	1.80	1.5	900	0.73	6.9	2,600	1.43
1976	5.6	1,800	1.22	1.4	940	0.65	7.0	2,740	1.03
1977	3.7	400	2.28	1.4	380	0.78	5.1	780	1.53
1978	3.5	740	2.63	1.4	660	0.80	4.9	1,400	1.75
1979	3.9	1,540	4.45	1.3	960	1.25	5.2	2,500	3.23

Source: Florida Crop and Livestock Reporting Service.

TABLE 32

BEARING ACREAGE, PRODUCTION AND ON-TREE PRICES FOR FLORIDA LIMES
(1969-70 to 1978-79)

Season	Bearing Acreage 1,000 Acres	Utilization of Production			On-Tree Prices
		Total	Fresh	Processed	
		1,000 Cartons			Per Carton
1969-70	3.9	1,450	748	702	2.06
1970-71	4.3	1,760	790	970	1.55
1971-72	4.5	2,200	948	1,252	1.95
1972-73	4.5	2,200	1,034	1,166	2.13
1973-74	4.4	2,100	958	1,142	2.55
1974-75	4.4	2,200	986	1,214	2.68
1975-76	4.4	2,160	1,172	988	3.35
1976-77	4.5	2,000	1,028	972	4.30
1977-78	3.8	920	680	240	7.86
1978-79	4.8	1,440	962	478	6.22

Source: Florida Crop and Livestock Reporting Service

TABLE 33
PRODUCTION OF GRAPEFRUIT IN SPECIFIED COUNTRIES
(1974-75 to 1978-79)

Countries	1974-75	1975-76	1976-77	1977-78	1978-79
	1,000 Cartons (33.5 lbs.)				
United States	123,220	140,160	149,200	149,320	134,040
Argentina	12,177	11,848	11,190	9,544	9,214
Australia	1,316	1,448	1,514	1,646	1,777
Belize	1,251	987	527	724	263
Cyprus	3,818	3,489	3,028	4,344	4,278
Jamaica	1,843	1,711	1,251	1,119	987
Israel	26,526	29,554	32,318	30,014	30,936
Mexico	2,370	2,106	3,291	2,830	2,633
Morocco	790	856	1,053	790	658
South Africa	5,463	5,068	5,331	5,924	6,319
All Others	6,449	6,977	1,646	2,698	2,435
Total	185,223	204,204	210,349	208,953	193,540

Source: USDA, Foreign Agricultural Service - Foreign Agriculture Circular. Crop Reporting Board - Citrus Fruits By States.

TABLE 34
PRODUCTION AND UTILIZATION OF GRAPEFRUIT, BY STATES
(1969-70 to 1978-79)

Season	California-Arizona			Florida			Texas			Total U.S.		
	Total	Fresh	Fresh	Total	Fresh	Fresh	Total	Fresh	Fresh	Total	Fresh	Fresh
	Million Cartons	%		Million Cartons	%		Million Cartons	%		Million Cartons	%	
1969-70	16.8	9.0	54	74.8	28.5	38	16.2	9.9	61	107.8	47.4	44
1970-71	15.1	7.0	46	85.8	29.9	35	20.2	11.9	59	121.1	48.8	40
1971-72	15.9	8.3	52	94.0	34.1	36	18.4	11.5	63	128.3	53.9	42
1972-73	16.9	8.1	48	90.8	34.1	38	23.6	12.7	54	131.3	54.9	42
1973-74	13.4	7.1	53	96.2	37.5	39	21.4	10.8	50	131.0	55.4	42
1974-75	19.4	9.9	51	89.2	37.6	42	14.6	9.3	64	123.2	56.8	46
1975-76	20.6	9.8	48	98.2	40.7	41	21.4	14.5	68	140.2	65.0	46
1976-77	21.4	11.4	53	103.0	32.8	32	24.8	13.0	52	149.2	57.2	38
1977-78	22.7	11.3	50	102.8	36.1	35	23.8	13.2	55	149.3	60.6	41
1978-79	16.0	8.8	55	100.0	39.6	40	18.0	8.0	44	134.0	56.4	42

Source: USDA, Crop Reporting Board - Citrus Fruits By States

TABLE 35
PRODUCTION AND UTILIZATION OF CALIFORNIA-ARIZONA GRAPEFRUIT
(1969-70 to 1978-79)

Season	California Summer			California-Arizona Desert			Total California-Arizona		
	Total	Fresh	Processed	Total	Fresh	Processed	Total	Fresh	Processed
	1,000 Cartons								
1969-70	4,600	2,958	1,642	12,220	6,076	6,144	16,820	9,034	7,786
1970-71	3,560	2,260	1,300	11,560	4,776	6,784	15,120	7,036	8,084
1971-72	4,400	2,680	1,720	11,480	5,584	5,896	15,880	8,264	7,616
1972-73	5,600	3,400	2,200	11,280	4,672	6,610	16,880	8,070	8,810
1973-74	4,580	2,540	2,040	8,820	4,582	4,238	13,400	7,122	6,278
1974-75	6,420	3,760	2,660	13,000	6,120	6,880	19,420	9,880	9,540
1975-76	6,200	3,640	2,560	14,360	6,170	8,190	20,560	9,810	10,750
1976-77	6,400	4,000	2,400	15,000	7,370	7,630	21,400	11,370	10,030
1977-78	8,320	5,120	3,200	14,400	6,160	8,240	22,720	11,280	11,440
1978-79	5,000	2,900	2,100	11,040	5,920	5,120	16,040	8,820	7,220

Source: USDA, Crop Reporting Board - Citrus Fruits By States

TABLE 36
BEARING ACREAGE OF GRAPEFRUIT, BY STATES
(1969-70 to 1978-79)

Season	Arizona	California Desert	Total California -Arizona Desert	California Summer	Total California -Arizona	Florida	Texas	Total United States
	Acres							
1969-70	7,104	7,850	14,954	4,940	19,894	98,702	40,000	158,596
1970-71	7,459	7,110	14,569	4,960	19,529	108,300	37,600	165,429
1971-72	7,655	7,420	15,075	5,130	20,205	112,564	35,000	167,769
1972-73	8,213	7,620	15,833	5,490	21,323	114,600	35,000	170,923
1973-74	9,036	8,180	17,216	6,160	23,376	115,767	35,000	174,143
1974-75	9,588	9,290	18,878	6,690	25,568	115,400	33,100	174,068
1975-76	10,217	9,650	19,867	6,900	26,767	117,900	33,100	177,767
1976-77(a)	10,217	9,490	19,707	7,130	26,837	119,300	35,100	181,237
1977-78	10,823	9,290	20,113	7,950	28,063	120,300	35,100	183,463
1978-79	8,890	9,850	18,740	9,820	28,560	124,600	39,800	192,960

(a) No Arizona Acreage survey for 1976-77 Season. Used the latest data available.

Source: California Fruit & Nut Statistics; Arizona Fruit & Vegetable Standardization Service; Florida Agricultural Statistics.

TABLE 37
COST OF PRODUCING AND MARKETING CALIFORNIA-ARIZONA GRAPEFRUIT
(1969-70 to 1978-79)

Season	California Summer					California-Arizona Desert				
	Cul- tural Cost	Picking & Hauling	Packing	Selling & Adver- tising	Total F.O.B. Packing House	Cul- tural Cost	Picking & Hauling	Packing	Selling & Adver- tising	Total F.O.B. Packing House
Dollars Per Packed Equivalent Carton										
1969-70	0.72	0.33	0.72	0.19	1.96	0.62	0.28	0.62	0.19	1.71
1970-71	0.93	0.34	0.70	0.20	2.17	0.60	0.30	0.71	0.20	1.81
1971-72	0.81	0.47	0.86	0.19	2.33	0.63	0.32	0.86	0.19	2.00
1972-73	0.80	0.45	0.76	0.20	2.21	0.71	0.33	1.01	0.20	2.25
1973-74	NA	0.41	0.95	0.21	NA	NA	0.32	0.99	0.21	NA
1974-75	NA	0.43	0.98	0.24	NA	NA	0.37	1.20	0.24	NA
1975-76	NA	0.48	1.02	0.28	NA	NA	0.37	1.16	0.24	NA
1976-77	1.66	0.48	1.13	0.27	3.54	1.27	0.45	1.30	0.27	3.29
1977-78	NA	0.49	1.22	0.26	NA	NA	0.53	1.35	0.25	NA
1978-79(P)	NA	0.52	1.22	0.34	NA	NA	0.53	1.37	0.33	NA

NA: Not Available

P: Preliminary

Source: California-Arizona Citrus League; Sunkist Growers, Inc.; UCR; UAT.

TABLE 38
UTILIZATION AND AVERAGE ON-TREE PRICES
FOR CALIFORNIA-ARIZONA GRAPEFRUIT
(1969-70 to 1978-79)

Season	California Summer Grapefruit						California-Arizona Desert Grapefruit					
	Utilization			On-Tree Prices			Utilization			On-Tree Prices		
	Fresh	Products	Total	Fresh	Products	Total	Fresh	Products	Total	Fresh	Products	Total
	Million Cartons			Dollars Per Carton			Million Cartons			Dollars Per Carton		
1969-70	3.0	1.6	4.6	1.79	-0.03	1.16	6.1	6.1	12.2	1.48	0.16	0.82
1970-71	2.3	1.3	3.6	2.21	0.17	1.47	4.8	6.8	11.6	1.86	0.10	0.83
1971-72	2.7	1.7	4.4	2.36	-0.02	1.44	5.6	5.9	11.5	1.66	0.20	0.91
1972-73	3.4	2.2	5.6	2.10	-0.05	1.26	4.7	6.6	11.3	1.39	0.14	0.66
1973-74	2.5	2.0	4.5	2.02	0.16	1.19	4.6	4.2	8.8	1.23	0.07	0.68
1974-75	3.8	2.6	6.4	1.63	-0.09	0.92	6.1	6.9	13.0	1.46	0.00	0.69
1975-76	3.6	2.6	6.2	1.53	-0.12	0.85	6.2	8.2	14.4	1.04	-0.02	0.43
1976-77	4.0	2.4	6.4	1.69	-0.31	0.94	7.4	7.6	15.0	1.24	-0.21	0.50
1977-78	5.1	3.2	8.3	3.11	-0.34	1.78	6.2	8.2	14.4	1.31	-0.34	0.37
1978-79	2.9	2.1	5.0	4.78	-0.40	2.60	5.9	5.1	11.0	2.21	-0.29	1.05

Source: USDA, Crop Reporting Board - Citrus Fruits By States; Agricultural Prices.

TABLE 39
UTILIZATION AND AVERAGE ON-TREE PRICES
FOR FLORIDA AND TEXAS GRAPEFRUIT
(1969-70 to 1978-79)

Season	Florida						Texas					
	Utilization			On-Tree Prices			Utilization			On-Tree Prices		
	Fresh	Products	Total	Fresh	Products	Total	Fresh	Products	Total	Fresh	Products	Total
	Million Cartons			Dollars Per Carton			Million Cartons			Dollars Per Carton		
1969-70	28.5	46.3	74.8	1.15	0.67	0.85	9.9	6.3	16.2	0.77	0.35	0.61
1970-71	29.9	55.9	85.8	1.21	0.82	0.96	11.9	8.3	20.2	0.74	0.40	0.60
1971-72	34.1	59.9	94.0	1.57	0.93	1.16	11.5	6.9	18.4	1.12	0.61	0.93
1972-73	34.1	56.7	90.8	1.55	0.74	1.04	12.7	10.9	23.6	1.15	0.61	0.90
1973-74	37.5	58.7	96.2	1.27	0.55	0.83	10.8	10.6	21.4	0.96	0.34	0.66
1974-75	37.6	51.6	89.2	1.52	0.38	0.86	9.3	5.3	14.6	1.28	0.45	0.98
1975-76	40.7	57.5	98.2	1.24	0.38	0.74	14.5	6.9	21.4	0.87	0.29	0.68
1976-77	32.8	70.2	103.0	1.30	0.55	0.79	13.0	11.8	24.8	0.94	0.37	0.67
1977-78	36.1	66.7	102.8	1.18	0.63	0.82	13.2	10.6	23.8	0.61	0.31	0.48
1978-79	39.6	60.4	100.0	1.60	0.77	1.10	8.0	10.0	18.0	1.00	0.33	0.63

Source: Florida Agricultural Statistics

TABLE 40
CALIFORNIA-ARIZONA GRAPEFRUIT
Weekly Shipments
(1978-79 Season)

Week Through	Summer		Desert		Total	
	Fresh	Products	Fresh	Products	Fresh	Products
	Carloads of 1,000 cartons each					
Sep. 30, 1978	-	-	33	3	33	3
Oct. 7	-	-	106	30	106	30
14	-	-	122	40	122	40
21	-	-	88	44	88	44
28	-	-	57	39	57	39
Nov. 4	-	-	87	43	87	43
11	-	-	90	42	90	42
18	-	-	51	31	51	31
25	-	-	62	33	62	33
Dec. 2	-	-	53	55	53	55
9	-	-	60	77	60	77
16	-	-	48	50	48	50
23	-	-	44	61	44	61
30	-	-	54	84	54	84
Jan. 6, 1979	-	-	76	96	76	96
13	6	-	104	183	110	183
20	1	-	92	120	93	120
27	-	-	124	134	124	134
Feb. 3	-	-	83	155	83	155
10	-	-	117	201	117	201
17	-	4	112	205	112	209
24	-	20	151	168	151	188
Mar. 3	-	1	170	221	170	222
10	-	2	157	221	157	223
17	-	-	222	213	222	213
24	-	-	195	169	195	169
31	-	-	211	133	211	133
Apr. 7	-	10	201	145	201	155
14	1	13	276	193	277	206
21	1	12	278	162	279	174
28	-	3	317	208	317	211
May 5	-	-	363	211	363	211
12	-	10	383	252	383	262
19	6	15	371	303	377	318
26	18	25	296	260	314	285
June 2	61	33	262	221	323	254
9	81	58	179	128	260	186
16	166	74	123	73	289	147
23	173	93	68	75	241	168
30	227	97	6	11	233	108
July 7	244	126	-	-	244	126
14	224	133	-	-	224	133
21	268	130	-	-	268	130
28	272	176	-	-	272	176
Aug. 4	192	133	-	-	192	133
11	286	138	-	-	286	138
18	261	159	-	-	261	159
25	250	151	-	-	250	151
Sep. 1	210	142	-	-	210	142
8	191	91	-	-	191	91
15	226	134	-	-	226	134
22	157	79	-	-	157	79
29	81	70	-	-	81	70
Oct. 6	18	31	-	-	18	31
13	6	12	-	-	6	12
20	1	33	-	-	1	33
27	1	11	-	-	1	11
TOTAL	3,629	2,219	5,892	5,093	9,521	7,312

Source: Desert Grapefruit Administrative Committee and Sunkist Growers, Inc.

TABLE 41
COMMERCIAL FRESH SHIPMENTS, BY MONTHS
FOR CALIFORNIA-ARIZONA GRAPEFRUIT
(1969-70 to 1978-79)

Season	Nov.	Dec.	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Total Nov.-Oct.
	1,000 Cartons												
1969-70	251	350	637	498	634	880	1,552	1,563	1,305	966	235	27	8,898
1970-71	192	180	362	365	430	527	1,320	1,486	1,266	961	432	33	7,555
1971-72	233	276	397	443	516	713	1,456	1,822	1,343	1,061	417	85	8,762
1972-73	187	284	284	288	403	411	897	1,599	1,858	1,385	608	26	8,230
1973-74	180	211	284	302	320	464	981	1,437	1,471	1,341	238	10	7,239
1974-75	254	258	476	616	704	882	1,303	2,224	1,660	1,271	499	35	10,182
1975-76	121	240	439	351	503	783	1,690	2,158	2,126	1,217	227	234	10,089
1976-77	272	328	649	478	582	739	1,464	2,000	1,595	1,360	1,177	194	10,838
1977-78	368	281	451	481	561	957	1,801	2,150	1,511	1,118	219	373	10,271
1978-79	343	206	481	550	785	1,072	1,721	914	903	930	551	22	8,478

Source: Desert Grapefruit Administrative Committee; Sunkist Growers, Inc.

TABLE 42

UNITED STATES PER CAPITA CONSUMPTION OF FRESH CITRUS FRUITS
(1969 to 1978)

Year	Oranges	Tanger- ines	Tangelos	Lemons	Limes	Grape- fruit	Total Citrus
	Pounds						
1969	16.1	1.6	0.6	2.1	0.15	7.8	28.4
1970	16.2	1.6	0.6	2.0	0.19	8.2	28.8
1971	15.8	1.8	0.7	2.2	0.19	8.6	29.3
1972	14.5	1.7	0.7	1.9	0.22	8.6	27.6
1973	14.5	1.7	0.6	2.0	0.22	8.6	27.6
1974	14.6	1.9	0.7	2.0	0.23	8.3	27.7
1975	16.1	2.0	1.0	2.0	0.24	8.4	29.7
1976	14.9	2.0	0.9	1.9	0.26	9.4	29.4
1977	13.6	1.9	1.0	2.1	0.26	7.8	26.7
1978	13.4	1.7	0.8	1.9	0.24	8.5	26.5

Source: USDA, Economic Research Service - Fruit Situation

TABLE 43

UNITED STATES PER CAPITA CONSUMPTION OF FROZEN CITRUS JUICES
(1969 to 1978)

Year	Product Weight						Total
	Orange	Tanger- ines	Lemon	Lemonade Base	Lime- ade	Grape- fruit	
	Pounds						
1969	4.88	0.04	0.04	0.39	0.02	0.14	5.51
1970	5.85	0.05	0.03	0.33	0.03	0.21	6.50
1971	5.77	0.05	0.03	0.35	0.04	0.23	6.47
1972	5.96	0.05	0.04	0.38	0.04	0.31	6.78
1973	6.75	0.05	0.03	0.47	0.02	0.32	7.64
1974	7.61	0.04	0.03	0.43	0.01	0.34	8.46
1975	7.90	0.06	0.11	0.98	0.05	0.28	9.38
1976	8.46	0.03	0.05	0.52	*	0.08	9.12
1977	7.65	0.08	0.06	0.39	0.06	0.53	8.77
1978	6.17	0.33	0.11	0.80	0.06	0.67	8.14

*Negligible

Product weight includes concentrated and single strength juices.
 Concentrated fruit juices converted to single strength on basis
 of 3.525 pounds to 1; lemonade base 0.74

Source: USDA, Economic Research Service - Fruit Situation

TABLE 44

UNITED STATES PER CAPITA CONSUMPTION OF FRESH DECIDUOUS FRUITS
(1969 to 1978)

Year	Apples	Apri- cots	Bananas	Cher- ries	Grapes	Nectar- ines	Peaches	Pears	Pine- apple	Plums & Prunes	Straw- berries	All Others*	Total Decid- uous
Pounds													
1969	14.9	0.09	18.0	0.5	3.6	0.6	6.7	2.2	0.6	1.1	1.8	1.0	51.1
1970	18.3	0.12	17.6	0.5	2.8	0.6	5.7	2.0	0.7	1.5	1.8	1.0	52.6
1971	16.2	0.14	18.3	0.6	2.4	0.6	5.7	2.4	0.7	1.3	1.9	1.1	51.3
1972	17.4	0.08	18.1	0.3	2.2	0.8	3.9	2.5	0.8	1.1	1.7	1.0	49.9
1973	14.7	0.09	18.4	0.7	2.6	0.7	4.3	2.5	0.9	1.2	1.6	1.5	49.2
1974	16.1	0.06	18.7	0.6	2.8	0.9	4.4	2.3	0.9	1.5	1.9	1.6	51.7
1975	17.9	0.08	17.0	0.7	3.2	0.9	5.1	2.8	1.0	1.3	1.8	2.1	54.7
1976	19.0	0.10	19.5	0.8	3.3	1.0	5.3	2.7	1.2	1.3	1.7	1.6	57.5
1977	17.0	0.09	19.5	0.6	3.2	1.2	5.3	2.7	1.4	1.6	2.0	2.0	57.4
1978	17.0	0.07	20.6	0.6	3.3	1.2	5.3	2.3	1.4	1.6	2.2	1.9	57.5

*Includes: Avocados, Bushberries, Cranberries, Figs, Papayas, and Miscellaneous Fruit.

Source: USDA, Economic Research Service - Fruit Situation

TABLE 45

UNITED STATES PRODUCTION OF SELECTED FRUITS COMPETING WITH CITRUS FRUITS
(1969 to 1978)

Year	Apples	Apri- cots	Cher- ries	Grapes	Nectar- ines	Peaches	Pears	Plums* & Prunes	Straw- berries	Canta- loupes	Water- melons
1,000 tons										1,000 cwt	
1969	3,410	229	286	3,898	66	1,842	727	496	243	13,697	25,950
1970	3,199	175	246	3,103	67	1,498	549	787	248	13,282	27,373
1971	3,187	186	280	3,994	70	1,441	749	582	260	12,388	27,094
1972	2,939	128	252	2,579	87	1,186	612	359	230	13,045	25,280
1973	3,133	158	246	4,198	87	1,295	730	783	240	11,302	26,170
1974	3,290	94	279	4,199	117	1,459	742	659	268	9,720	23,034
1975	3,765	183	301	4,366	111	1,419	749	656	272	9,774	23,904
1976	3,240	155	246	4,398	128	1,510	841	643	286	10,005	25,910
1977	3,336	147	253	4,298	155	1,492	787	729	325	10,760	26,371
1978	3,817	126	246	4,567	148	1,351	727	643	324	13,029	24,486

*Fresh basis

Source: USDA - Agricultural Statistics

TABLE 46

UNITED STATES PACKS OF CANNED CITRUS JUICES, s.s.
(1968 to 1977)

Year	Orange Juice			Grapefruit Juice			Orange & Grapefruit Blend			Tangerine & Tangerine Blend
	Calif. & Arizona	Florida	Texas	Calif. & Arizona	Florida	Texas	Calif. & Arizona	Florida	Texas	
	1,000 cases (24 No. 2 cans)									
1968	1,140	11,386	927	2,024	15,445	3,066	214	2,295	NA	92
1969	3,073	11,223	*	5,701	16,423	*	228	2,192	*	47
1970	1,947	11,599	1,906	2,233	19,110	4,650	198	2,186	116	35
1971	1,718	10,800	1,334	2,066	20,874	3,837	64	1,807	112	16
1972	1,484	13,670	1,899	2,631	19,059	6,572	117	1,898	120	24
1973	1,676	10,885	1,258	2,412	20,576	6,013	145	1,782	56	18
1974	1,115	10,737	1,441	2,446	16,394	2,789	113	1,493	117	12
1975	1,570	10,635	1,256	2,901	18,890	4,030	144	1,687	938	19
1976	1,183	10,767	2,485	3,013	18,809	5,867	187	1,308	89	35
1977	1,748	11,654	2,427	4,443	17,246	4,690	194	1,664	87	8

NA: Not Available

*Texas included with California & Arizona

Source: USDA - Agricultural Statistics

TABLE 47

UNITED STATES EXPORTS OF ORANGE AND LEMON OIL
(1969-70 to 1978-79)

Season	Orange Oil				Lemon Oil			
	Canada	Europe	Others	Total	Canada	Europe	Others	Total
1,000 Pounds								
1969-70	236	4,309	1,416	5,961	79	418	174	671
1970-71	150	3,769	1,333	5,252	83	331	251	665
1971-72	203	2,919	1,140	4,262	77	459	228	764
1972-73	196	3,897	2,166	6,259	124	771	220	1,115
1973-74	361	4,883	2,367	7,611	123	714	204	1,041
1974-75	203	1,607	1,112	2,922	102	304	162	568
1975-76	248	3,599	1,889	5,736	117	470	198	785
1976-77	119	3,431	1,795	5,345	99	947	291	1,337
1977-78	168	4,007	2,959	7,134	126	1,056	243	1,425
1978-79	124	4,410	4,873	9,407	98	856	424	1,378

Source: USDC, Bureau of Census, US Exports -EM546

TABLE 48

UNITED STATES EXPORTS OF CANNED JUICES, s.s.
(1967-68 to 1976-77)

Season	Canada		Europe and Others		Total	
	Orange	Grapefruit	Orange	Grapefruit	Orange	Grapefruit
	1,000 Gallons					
1967-68	5,455	2,344	7,731	2,128	13,186	4,472
1968-69	4,337	3,066	4,946	2,160	9,283	5,226
1969-70	4,781	3,448	7,353	2,601	12,134	6,049
1970-71	5,017	3,182	5,914	1,937	10,931	5,119
1971-72	5,251	3,575	3,691	1,375	8,942	4,950
1972-73	5,525	3,437	4,604	1,420	10,129	4,857
1973-74	5,621	3,362	4,462	1,603	10,083	4,965
1974-75	5,724	3,640	4,010	1,210	9,734	4,850
1975-76	5,861	3,246	4,832	1,869	10,693	5,115
1976-77	6,653	3,475	3,820	1,970	10,473	5,445

Source: USDA, Economic Research Service - Fruit Situation

TABLE 49

UNITED STATES EXPORTS OF ORANGE JUICE CONCENTRATE
(1967-68 to 1976-77)

Season	Canada		Europe and Others		Total	
	Hot Pack	Frozen	Hot Pack	Frozen	Hot Pack	Frozen
	1,000 Gallons					
1967-68	122	2,804	602	1,422	724	4,226
1968-69	115	2,919	655	1,308	770	4,227
1969-70	157	3,552	1,483	2,264	1,640	5,816
1970-71	111	3,836	1,306	3,872	1,417	7,708
1971-72	128	4,408	1,182	3,517	1,310	7,925
1972-73	54	5,122	1,116	5,885	1,170	11,007
1973-74	56	6,158	1,339	5,815	1,395	11,973
1974-75	63	7,056	868	5,580	931	12,636
1975-76	40	7,397	1,314	7,763	1,354	15,160
1976-77	76	8,279	1,587	8,807	1,663	17,086

Source: USDA, Economic Research Service - Fruit Situation

TABLE 50
UNITED STATES EXPORTS OF FRESH CITRUS FRUITS
(1969-70 to 1978-79)

Season	Canada	Europe				Others	Total
		United Kingdom	Original EC*	Others	Total		
		1,000 Cartons					
<u>ORANGES AND TANGERINES</u>							
1969-70	9,256	264	2,596	418	3,278	4,318	16,852
1970-71	9,276	224	1,984	216	2,424	3,948	15,648
1971-72	10,270	260	2,446	292	2,998	5,986	19,254
1972-73	8,726	234	1,960	261	2,455	6,594	17,775
1973-74	9,628	616	2,494	616	3,726	6,794	20,148
1974-75	11,447	1,141	6,434	1,984	9,559	9,828	30,834
1975-76	11,900	1,396	4,993	829	7,218	9,307	28,425
1976-77	11,515	1,009	3,499	387	4,895	9,390	25,800
1977-78	10,120	239	2,050	204	2,493	9,070	21,683
1978-79(a)	8,127	-	1,449	63	1,512	8,127	17,766
<u>LEMONS AND LIMES</u>							
1969-70	872	102	2,444	682	3,228	3,374	7,474
1970-71	910	78	2,242	698	3,018	3,778	7,706
1971-72	850	48	2,434	850	3,332	4,906	9,088
1972-73	1,121	85	3,580	1,103	4,768	5,406	11,295
1973-74	1,058	150	2,827	1,127	4,104	5,920	11,082
1974-75	1,150	154	3,843	1,180	5,177	5,757	12,084
1975-76	1,051	208	2,593	1,466	4,267	5,882	11,200
1976-77	1,021	330	2,810	2,669	5,809	7,176	14,006
1977-78(b)	928	173	1,836	1,811	3,820	7,152	11,900
1978-79(b)	754	232	1,683	2,031	3,946	7,543	12,243
<u>GRAPEFRUIT</u>							
1969-70	4,558	14	868	124	1,006	192	5,756
1970-71	4,360	20	628	54	702	316	5,378
1971-72	4,174	60	876	54	990	4,876	10,040
1972-73	3,785	138	1,258	63	1,459	5,348	10,592
1973-74	2,900	89	1,222	105	1,416	8,622	12,938
1974-75	2,967	199	1,868	61	2,128	7,423	12,518
1975-76	3,487	291	3,812	95	4,198	7,986	15,671
1976-77	3,127	121	3,370	257	3,748	8,233	15,108
1977-78	3,328	144	4,286	68	4,498	6,749	14,575
1978-79	2,646	165	3,804	110	4,079	8,544	15,269

*Belgium-Luxembourg, France, West Germany, Italy and Netherlands.

(a) Oranges Only. (b) Lemons Only.

Carton weights - Oranges 35 lb., Lemons & Limes 38 lb., Grapefruit 40 lb.

Source: USDA, Economic Research Service - Fruit Situation; Foreign Agriculture Circular.

TABLE 51
ORANGES AND TANGERINES
PRODUCED, PROCESSED AND EXPORTED
BY SELECTED SOUTHERN HEMISPHERE COUNTRIES
(1974-75 to 1978-79)

COUNTRIES	1974-75	1975-76	1976-77	1977-78	1978-79
	1,000 CARTONS (37.5 lbs.)				
<u>Argentina</u>					
Produced	56,389	57,154	58,212	54,390	54,449
Processed	3,410	5,292	6,468	5,880	6,056
Exported(a)	294	1,058	1,764	1,588	1,470
<u>Australia</u>					
Produced	22,874	20,757	22,579	23,108	23,226
Processed	10,172	9,232	11,466	11,462	11,819
Exported(a)	1,117	647	1,235	1,470	1,529
<u>Brazil*</u>					
Produced	336,101	387,845	357,916	482,454	426,653
Processed	127,126	160,759	148,764	280,711	227,909
Exported(a)	4,351	2,234	2,117	2,822	3,587
<u>South America</u>					
Produced	29,341	33,163	27,224	34,751	34,280
Processed	4,351	8,702	5,351	9,250	8,467
Exported(a)	17,875	18,581	17,699	21,874	21,227

(a) Fresh

* Sao Paulo State only.

Source: USDA - FAS

TABLE 52
LEMONS
PRODUCED, PROCESSED AND EXPORTED
BY SELECTED SOUTHERN HEMISPHERE COUNTRIES
(1974-75 to 1978-79)

COUNTRY	1974-75	1975-76	1976-77	1977-78	1978-79
	1,000 CARTONS (38 lbs.)				
<u>Argentina</u>					
Produced	19,671	14,333	18,568	16,247	15,493
Processed	2,901	3,772	5,513	4,932	4,642
Exported(a)	580	638	986	1,451	1,567
<u>Australia</u>					
Produced	2,031	2,089	2,147	2,437	2,495
Processed	1,161	1,219	1,219	1,625	1,625
Exported(a)	58	58	(a)	58	928
<u>Brazil*</u>					
Produced	21,760	22,282	21,528	21,064	21,296
Processed	NA	NA	NA	NA	NA
Exported** (a)	24	23	15	NA	NA
<u>Chile</u>					
Produced	2,553	2,669	3,771	4,004	4,120
Processed	58	58	58	58	116
Exported(a)	174	232	232	232	232
<u>South Africa</u>					
Produced	1,392	1,277	1,451	2,031	1,857
Processed	348	406	406	580	464
Exported(a)	812	812	870	1,277	1,219

(a) Fresh

* Sao Paulo State only.

** Lemons & Limes

NA: Not Available

Source: USDA - FAS

TABLE 53
UNITED STATES IMPORTS OF CITRUS PRODUCTS FOR CONSUMPTION
(1970 to 1979)

Year	Juice					Oil				Peel*	
	Concentrated			Not Concentrated		Orange	Grape-fruit	Lemon	Lime	Orange	Lemon
	Orange	Lime	Other	Lime	Other						
1,000 Gallons					1,000 Pounds						
1970	1,461	463	48	313	173	276	25	369	828	767	1,047
1971	19,343	396	4,687	497	74	480	49	713	732	1,018	814
1972	38,075	387	2,752	664	79	570	21	1,178	942	1,184	535
1973	20,146	250	171	636	129	1,122	21	464	971	676	824
1974	18,248	299	17	593	125	1,107	59	558	1,165	1,013	295
1975	33,046	809	10	732	91	735	20	543	940	526	167
1976	31,402	1,161	5	62	116	747	26	634	966	931	182
1977	47,926	496	273	128	122	412	32	622	1,388	1,255	199
1978	150,741	934	157	74	148	2,978	90	1,012	1,630	1,379	273
1979	160,018	2,137	1,902	54	222	6,074	60	1,484	1,794	522	180

*Includes prepared, preserved, crude, dried or in brine.

Source: USDC - U.S. Foreign Trade: FT 246, IM 146 - Imports TSUSA

TABLE 54
UNITED STATES IMPORTS OF FRESH CITRUS FOR CONSUMPTION
(Including Prepared or Preserved)
(1970 to 1979)

Year	Oranges	Grapefruit	Lemons	Limes	Others
	1,000 Pounds				
1970	90,473	8,618	77	4,922	484
1971	90,926	9,678	87	3,257	1,661
1972	109,670	17,355	74	3,606	1,274
1973	121,745	15,199	175	4,884	1,714
1974	102,985	12,793	171	7,017	1,620
1975	62,002	8,654	115	8,721	1,561
1976	60,058	14,382	186	10,231	1,006
1977	85,641	17,439	565	18,211	472
1978	124,446	13,181	296	28,251	828
1979	128,507	9,594	923	22,233	281

Source: USDC - U.S. Foreign Trade: FT 246, IM 146 - Imports TSUSA

TABLE 55

U.S. CUSTOMS DUTIES ON SELECTED
FRESH AND PROCESSED CITRUS FRUIT PRODUCTS

Description of Item	TSUS Item No.	Unit	Duty
<u>Fresh Grapefruit</u>			
August 1 - September 30	147.0300	¢ per lb.	1.0
Month of October	147.0800	¢ per lb.	0.8
November 1 - July 31	147.1500	¢ per lb.	1.3
<u>Fresh Lemons</u>	147.1900	¢ per lb.	1.25
<u>Fresh Limes</u>	147.2200	¢ per lb.	1.0
<u>Fresh Tangerines</u>	147.3120	¢ per lb.	1.0
<u>Fresh Oranges</u>	147.3140	¢ per lb.	1.0
<u>Citrus Juices</u>			
Lime - Not Concentrated	165.2520	¢ per gal.	10.0
Lime - Concentrated	165.2540	¢ per gal.	10.0
Orange, Grapefruit & Lemon - Not Concentrated	165.3000	¢ per gal.	20.0
Orange - Concentrated	165.3540	¢ per gal.	35.0
Grapefruit & Lemon - Concentrated	165.3570	¢ per gal.	35.0
<u>Lemonade</u>	166.2000	¢ per gal.	1.0
<u>Citrus Oils</u>			
Bergamot	452.0600	-	Free
Grapefruit	452.2800	% ad val.	6.0
Lemon	452.3400	% ad val.	8.5
Lemongrass	452.3600	-	Free
Lime	452.3800	% ad val.	Free
Orange	452.4400	% ad val.	6.0
<u>Pectin</u>	455.0400	% ad val.	5.0

Source: United States International Trade Commission, Tariff Schedule of the United States Annotated (1980).

Note: These duties apply to imported commodities from countries to which the United States extends most-favored-nation treatment.

TABLE 56

NUMERICAL CLASSIFICATION FOR TARIFF, TRADE
AND PRODUCTION DATA ON SELECTED FRESH CITRUS PRODUCTS

Commodity Description	TSUSA <u>1/</u>	Probable BTN <u>2/</u>	SITC <u>3/</u>	Schedule B <u>4/</u>
<u>Grapefruit</u>				
August - September	147.0300	08.02D	057.22	147.1500
October	147.0800	08.02D	057.22	147.1500
November - July	147.1500	08.02D	057.22	147.1500
<u>Lemons</u>	147.1900	08.02C	057.21	147.1900
<u>Limes</u>	147.2200	08.02C	057.21	147.2200
<u>Oranges</u>				
Tangerines	147.3120	08.02B	057.12	147.3120
Navels and Valencias	147.3140	08.02A	057.11	147.3140

1/ Tariff Schedules of the United States Annotated

2/ Brussels Tariff Nomenclature

3/ Standard International Trade Classification (Revision 2)

4/ Statistical Classification of Domestic and Foreign Commodities
Exported from the United States

TABLE 57

NUMERICAL CLASSIFICATION FOR TARIFF, TRADE
AND PRODUCTION DATA ON SELECTED PROCESSED CITRUS PRODUCTS

Commodity Description	TSUSA <u>1/</u>	BTN <u>2/</u>	SITC <u>3/</u>
<u>Juices</u>			
Lime - Not Concentrated	165.2520	20.07	
Lime - Concentrated	165.2540	20.07	058.5
Orange, Grapefruit & Lemon - Not Concentrated	165.3000	20.07	058.5
Orange - Concentrated	165.3540	20.07	058.5
Grapefruit & Lemon - Concentrated	165.3570	20.07	058.5
<u>Lemonade</u>	166.2000	22.02	111.02
<u>Oils</u>			
Bergamot	452.0600	33.01	551.30
Grapefruit	452.2800	33.01	551.30
Lemon	452.3400	33.01	551.30
Lemongrass	452.3600	33.01	551.30
Lime	452.3800	33.01	551.30
Orange	452.4400	33.01	551.30
<u>Pectin</u>	455.0400	13.03	292.91

1/ Tariff Schedules of the United States Annotated

2/ Brussels Tariff Nomenclature

3/ Standard International Trade Classification (Revision 2)